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Oct 8, 1998

DERWENT-ACC-NO: 1995-190712

DERWENT-WEEK: 199845

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TITLE: Clinker source material - contg. fine powder waste by-produced on crushing stones or concrete blocks as clinker source material

ABTX:

In an example, fine powders were by-produced by crushing concrete buildings which contained 57.0 SiO₂, 18.3 Al₂O₃, 5.5 Fe₂O₃, 6.1 CaO, 4.55 of total alkali and 6.1 of ignition loss (all in wt.%). A mixt. contg. 14.6 wt.% of the fine powder and 82.2 wt.% of the other material including lime stone or quartz rock was fired to obtain a clinker for Portland cement. The mixt. contained 55 wt.5 of 3CaO.SiO₂.

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